

AD-A138 193

DEPARTMENT OF THE ARMY JUSTIFICATION OF ESTIMATES FOR
FISCAL YEAR 1985 SU..(U) DEPUTY CHIEF OF STAFF FOR
RESEARCH DEVELOPMENT AND ACQUISITIO.. FEB 84

1//

UNCLASSIFIED

F/G 15/5

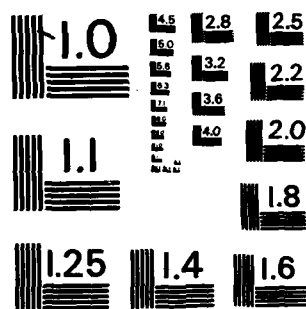
NI

END

DATE

3 84

DTI



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

AD A138193

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
A138193		
4. TITLE (and Subtitle) (In 6 parts) Department of the Army Justification of Estimates for Fiscal Year 1985, Submitted to Congress February 1984, Procurement Programs, Aircraft, Missiles, Weapons & Tracked Cbt Veh., Ammunition, Other Procurement & Constr Programs		5. TYPE OF REPORT & PERIOD COVERED Army Procurement Budget Justification, FY 1985
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
Department of the Army		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-PPP-B) Washington, DC 20310		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-AOA) Washington, DC 20310		12. REPORT DATE February 1984
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		13. NUMBER OF PAGES 258 (including all parts)
		15. SECURITY CLASS. (of this report) UNCLASSIFIED 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Army Procurement Programs Budget Justification Books covering Aircraft, Missiles, Weapons and Tracked Combat Vehicles, Ammunition, Other Procurement, Army Appropriations programs and Construction programs submitted by the Army to Congress February 1984 for Fiscal Year 1985.		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) In justification of programs requested, this document, in separate volume for each of the five Procurement Appropriations, and one separate volume for Construction Programs, provides backup data for the Army Budget submission for FY 1985. Included are Summaries of Requirements, Program and Financing Statements and Selected Data Sheets. (These volumes are unclassified).		

DD FORM 1 JAN 73 1473

EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

Reproduction of this document in
whole or in part is prohibited
except with permission of the
issuing office.

DEPARTMENT OF THE ARMY
Office of the Deputy Chief of Staff
for
Research, Development, and Acquisition

JUSTIFICATION OF ESTIMATES
DISTRIBUTION

	<u>Copies</u>		<u>Copies</u>		<u>Copies</u>
ASD(C) (3A862)	7	DAMO-ZF (3D526)	53	DAMA-PPC (3E443)	5
Cost & Audit (2)		APA (9) MIPA (10)		DAMA-PP (3E374)	1
Plans/Systems (1)		PWTCV (10) PAA (11)		DAMA-RA (3E360)	1
Construction (1)		OPA (13)			
Procurement (2)		MILCON (9)		Director	1
Special Assistant (1)		DALO-ZXA (3D576)	1	Defense Audit Service	
USDR&E (3D139)	14	DALO-RMI (1D560)	5	ATTN: Mr. Steven Moberly	
USD(Policy) (4E830)	1	DALO-SMD (1D567)	1	11th Floor, Commonwealth Bldg	
ASD(MRA&L) (3D970)	2	DALO-RMP (1E565)	1	1300 Wilson Boulevard	
ASD(ISA) (4B856)	2	DAEN-ZCP (1E685)	1	Arlington, VA 22209	
OSD(PA&E) (2E313)	1	DAAR-COB (1E433)	1		
ASD(HA) (3E183)	1	NGB-ARC-B (2E413)	2	Center of Military History	1
ASD(LA) (3D918)	1	DASG-RMB (3D474)	1	ATTN: DAMH-ZBB/Ms Mauck	
ASD(FOISA) (2C757)	2	DASG-HCL (2E525)	1	Room 4227, Pulaski Bldg	
ASD(C31) (3D238)	2	OPA only		20 Massachusetts Avenue	
JCS(J-5) (1D964)	1	DAAA-AS (1E461)	1	Washington, DC 20314	
OIG, DoD (1E482)	2	ACSC-RDD (3C363)	1		
SAUS-OR (2E614)	1	Air Force (4D313)	1	Commander	2
ASA(IL&FM) (3E573)	2	Navy (4C640)	1	US Army Materiel & Readiness	
ASA(RD&A) (2E672)	1	DAMA-WS (3E448)	3	Command	
ASA(M&RA) (2E594)	1	APA/MIPA/PWTCV (1 ea)		ATTN: DRCSM-WRM	
SALL (2C638)	29	DAMA-WSA (3B454)	5	5001 Eisenhower Avenue	
* DACA-BUL (3A652)	9	APA only		Alexandria, VA 22333	
DACA-BUF (3B663)	10	DAMA-WSM (3B455)	6		
DACA-ZXA (2B664)	1	MIPA only		Commander	1
DACA-CAW (2B685)	1	DAMA-WSW (3D455)	7	US Army Training & Doctrine Command	
DACS-DPZ-A (3C718)	1	PWTCV only		ATTN: ATCD-EP	
DACS-DPA (3C747)	2	DAMA-CS (3E432)	2	Fort Monroe, VA 23651	
DACS-DPD (3C738)	1	PAA/OPA (1 ea)			
DACS-DPI (3B747)	1	DAMA-CSS (3D422)	4	Arms Control & Disarmament	2
DACS-DPM (3C725)	1	OPA only		Agency	
DACS-DM (3C674)	1	DAMA-CSC (3D433)	3	ATTN: NWC-DPA, Room 5741	
DACS-BMZ-A (AMC Bldg)	1	OPA only		320 21st N.W.	
DACS-FM (1A871)	1	DAMA-CSM (3C444)	10	Washington, DC 20451	
DAAG-OPC (1D667)	1	PAA only			
DAMI-CIS (2D485)	1	DAMA-CSZ (3C444)	7	OMB	2
DAMI-RMB (2E477)	1	(MC Liaison)		GAO	1

Number represents complete sets unless otherwise indicated. Please notify this office of any changes, additions, deletions to this distribution. (HQDA(DAMA-PPP-B), Washington, DC 20310. Autovon 225-6401).

* NOTE: 3 additional of MILCON

DEPARTMENT OF THE ARMY
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY
JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1985, 1986

TABLE OF CONTENTS

Page No.

Section 1	- Budget Appendix Extract.....	3-1
Section 2	- Budget Activity Justification.....	3-10
Section 3	- Comparison of Program Requirements and Financing.....	3-28
Exhibit PB 21-	Consultants, Studies and Analyses, and Management Support Contracts.....	3-35

3-1 February 1984

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Section 1

Budget Appendix Extract

Language

Program And Financing Schedule

Object Classification Schedule

3-1 February 1984

APPROPRIATION LANGUAGE

For construction, procurement (including transfer of funds), production, and modification of weapons and tracked combat vehicles, equipment, including ordnance, spare parts and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefor, without regard to section 4774, title 10, United States Code, for the foregoing purposes, and such lands and interest therein may be acquired and construction prosecuted thereon prior to approval of title as required by section 355, Revised Statutes, as amended; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes: (\$4,594,103,000 and in addition, \$65,200,000 to be derived by transfer from "Procurement of Weapons and Tracked Combat Vehicles, Army, 1982/1984", and \$83,800,000 shall be derived by transfer from "Procurement of Weapons and Tracked Combat Vehicles, Army, 1983/1985"). \$5,092,700, to remain available for obligation until September 30, 1987: (10 USC 2353, 2361, 3012, 4531-32; Department of Defense Appropriation Act, 1984 additional authorizing legislation to be proposed). (1) (2)

EXPLANATION OF LANGUAGE CHANGES

- (1) Change the amount of appropriation for FY 1985.
- (2) To change the obligation expiration date for the FY 1985 program.

2033a Procurement of W&TCV, Army
Program and Financing (in thousands of dollars)

FYP SUMMARY

		Budget Plan (amounts for actions programmed)			Obligations		
Identification code		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.

Program by activities							
Direct Program:							
1. Tracked combat vehicles		3,800,956	3,797,400	4,156,600	3,510,703	3,902,546	4,113,377
2. Weapons and other combat vehicles		795,790	865,633	936,100	635,030	994,890	912,713
Total direct program		4,596,746	4,663,033	5,092,700	4,145,733	4,897,436	5,026,090
Reimbursable program		421,080	272,900	278,700	385,507	494,799	285,206
-----		-----	-----	-----	-----	-----	-----
10.0001	Total Obligations	5,017,826	4,935,933	5,371,400	4,531,240	5,392,235	5,311,296

Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-96,002	-153,700	-161,900	-94,591	-153,700	-161,900
13.0001	Trust funds(-)	-324,535	-119,200	-116,800	-263,583	-119,200	-116,800
14.0001	Non-federal sources(-)	-543			-595		
17.0001	Recovery of prior year obligations(-):				-164,539		
Unobligated balance available, SOY							
21.4002	For completion of prior year budget plan				-1,096,613	-1,569,773	-1,113,471
21.4003	Available to finance new budget plans	-201,200	-164,000		-201,200	-164,000	
21.4007	Reprogramming from or to prior year budget	-115,653					
22.4001	Net unobligated balance transferred	4,517	15,000		4,517	15,000	
Unobligated balance available, EOY							
24.4001	For completion of prior year budget plan				1,569,773	1,113,471	1,173,575
21.4003	Available to finance subsequent year budget	164,000			164,000		
25.0001	Reappropriation	247,136	149,000		247,136	149,000	
-----		-----	-----	-----	-----	-----	-----
39.0001	Budget authority	4,695,346	4,663,033	5,092,700	4,695,346	4,663,033	5,092,700

Budget authority:							
40.0001	Appropriation	4,551,946	4,594,103	5,092,700	4,551,946	4,594,103	5,092,700
40.0002	Reduction pursuant to P.L. 97-377	-37,100			-37,100		
41.0001	Transferred to other accounts(-)	-17,500	-60,070		-17,500	-60,070	
-----		-----	-----	-----	-----	-----	-----
43.0001	Appropriation (adjusted)	4,497,346	4,514,033	5,092,700	4,497,346	4,514,033	5,092,700
50.0001	Reappropriation	198,200	149,000		198,200	149,000	

Relation of obligations to outlays:							
71.0001	Obligations incurred, net				4,172,471	5,119,335	5,032,596
72.4001	Obligated balance, start of year				4,670,284	5,287,047	6,698,982
74.4001	Obligated balance, end of year				-5,287,047	-6,698,982	-7,380,678
77.0001	Adjustments in expired accounts				29,231		
78.0001	Adjustments in unexpired accounts				-164,539		
-----		-----	-----	-----	-----	-----	-----
90.0001	Outlays				3,420,401	3,707,400	4,350,900

2033a Procurement of WSTCV, Army
Object Classification (in Thousands of dollars)

Identification code	21-2033-----	1983 actual	1984 est.	1985 est.
Direct obligations:				
12.5004	Other	787,689	931,267	952,603
12.6001	Supplies and materials	704,775	833,239	852,329
13.1001	Equipment	2,653,269	3,132,930	3,221,158
19.9001	Total direct obligations	4,145,733	4,897,436	5,026,090
Reimbursable Obligations:				
22.5004	Other	69,652	94,012	54,189
22.6001	Supplies and materials	62,499	84,116	48,485
23.1001	Equipment	253,156	316,671	182,532
29.9001	Total reimbursable obligations	385,307	494,799	285,206
99.9901	Total Obligations	4,531,240	5,392,235	5,311,296

3-4 February 1984

2033a Procurement of WETCV, Army
Program and Financing (in Thousands of dollars)

FISCAL YEAR 1981

Identification code	21-2033-----	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est	1983 actual	1984 est.	1985 est.
Program by activities							
Direct Program:							
1.	Tracked combat vehicles				246,121		
2.	Weapons and other combat vehicles				22,109		
Total direct program					268,230		
Financing:							
Offsetting collections from:							
11.0001	Adjustment to prior year federal fund or				866		
13.0001	Adjustment to prior year trust fund or				41,694		
17.0001	Recoveries of prior year obligations(-)				-43,929		
Unobligated balance available, SOY							
21.4002	For completion of prior year budget plans				-315,797		
21.4003	Available to finance new budget plans	-67,000			-67,000		
21.4007	Reprogramming from or to prior year budget pl	-48,936					
22.4001	Not unobligated balance transferred	67,000			67,000		
25.0001	Unobligated balance lapsing	48,936			48,936		
39.0001	Budget authority						

3-5 February 1984

2033a Procurement of WTCV, Army
Program and Financing (in thousands of dollars)

FISCAL YEAR 1982

		Budget Plan (amounts for actions programmed)			Obligations		
Identification code		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.

Program by activities							
Direct Program:							
1. Tracked combat vehicles					250,529	175,719	
2. Weapons and other combat vehicles					47,806	75,801	
		-----	-----	-----			
Total direct program					298,335	254,520	
Reimbursable program					112,602	149,500	
		-----	-----	-----			
10.0001	Total Obligations				410,937	404,020	

Financing:							
Offsetting collections from:							
11.0001	Adjustment to prior year federal fund or				545		
13.0001	Adjustment to prior year trust fund orde				19,258		
14.0001	Adjustment to non-federal sources				-52		
17.0001	Recoveries of prior year obligations(-)				-120,610		
Unobligated balance available, SOY							
21.4002	For completion of prior year budget plans				-780,816	-404,020	
21.4003	Available to finance new budget plans	-134,200	-65,200		-134,200	-65,200	
21.4007	Reprogramming from or to prior year budget pl	-66,717					
22.4001	Net unobligated balance transferred	135,717	65,200		135,717	65,200	
Unobligated balance available, EGY							
24.4002	For completion of prior year budget plans				404,020		
24.4003	Available to finance subsequent year budge	65,200			65,200		
		-----	-----	-----			
39.0001	Budget authority						

2033a Procurement of W&TCV, Army
Program and Financing (in Thousands of dollars)

FISCAL YEAR 1983

		Budget Plan (amounts for actions programmed)			Obligations		
Identification code		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by activities							
Direct Program:							
1. Tracked combat vehicles		3,800,956			3,014,053	499,037	287,866
2. Weapons and other combat vehicles		795,790			565,115	180,301	50,374
Total direct program		4,596,746			3,579,168	679,338	338,240
Reimbursable program		421,080			272,905	121,521	26,654
10 0001	Total Obligations	5,017,826			3,852,073	800,859	364,894
Financing:							
Offsetting collections from:							
11 0001	Federal funds(-)	-96,002			-96,002		
13 0001	Trust funds(-)	-324,535			-324,535		
14 0001	Non-federal sources(-)	-543			-543		
Unobligated balance available, SOY							
21 4002	For completion of prior year budget plans					-1,165,753	-364,894
21 4003	Available to finance new budget plans		-98,800			-98,800	
22 4001	Net unobligated balance transferred	-198,200	98,800		-198,200	98,800	
Unobligated balance available, EOY							
24 4002	For completion of prior year budget plans				1,165,753	364,894	
24 4003	Available to finance subsequent year budget	98,800			98,800		
25 0001	Reappropriation	198,200			198,200		
39 0001	Budget authority	4,695,546			4,695,546		
Budget authority:							
40 0001	Appropriation	4,551,946			4,551,946		
40 0002	Reduction pursuant to P.L. 97-377	-37,100			-37,100		
41 0001	Transferred to other accounts(-)	-17,500			-17,500		
43 0001	Appropriation (adjusted)	4,497,346			4,497,346		
50 0001	Reappropriation	198,200			198,200		

3-7 February 1984

2033a Procurement of M&TCV, Army
Program and Financing (in thousands of dollars)

FISCAL YEAR 1984

		Budget Plan (amounts for actions programmed)			Obligations		
Identification code	21-2033-----	1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by activities							
Direct Program:							
1.	Tracked combat vehicles		3,787,400			3,227,790	292,401
2.	Weapons and other combat vehicles		865,633			735,768	66,654
Total direct program			4,653,033			3,963,578	359,055
Reimbursable program			272,900			223,778	30,018
10.0001	Total Obligations		4,925,933			4,187,356	389,073
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)		-153,700			-153,700	
13.0001	Trust funds(-)		-119,200			-119,200	
Unobligated balance available, SOY							
21.4002	For completion of prior year budget plans						-748,577
22.4001	Net unobligated balance transferred		-149,000			-149,000	
Unobligated balance available, EOY							
24.4002	For completion of prior year budget plans					748,577	359,504
25.0001	Reappropriation		149,000			149,000	
39.0001	Budget authority		4,663,033			4,663,033	
Budget authority:							
40.0001	Appropriation		4,594,103			4,594,103	
41.0001	Transferred to other accounts(-)		-80,070			-80,070	
43.0001	Appropriation (adjusted)		4,514,033			4,514,033	
50.0001	Reappropriation		149,000			149,000	

3-8 February 1984

2033a Procurement of W&TCV, Army
Program and Financing (in Thousands of dollars)

FISCAL YEAR 1985

Identification code		Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
21-2033-----	Program by activities						
	Direct Program:						
	1. Tracked combat vehicles			4,156,600			3,533,110
	2. Weapons and other combat vehicles			936,100			795,685
	Total direct program			5,092,700			4,328,795
	Reimbursable program			278,700			226,534
10 0001	Total Obligations			5,371,400			4,557,329
	Financing:						
	Offsetting collections from:						
11 0001	Federal funds(-)			-161,900			-161,900
13 0001	Trust funds(-)			-116,800			-116,800
24 4002	Unobligated balance available, EOY For completion of prior year budget plans						814,071
40 0001	Budget Authority (Appropriation)			5,092,700			5,092,700

3-9 February 1984

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Section 2

Budget Activity Justification

Activity 1 - Tracked Combat Vehicles

Activity 2 - Weapons and Other Combat Vehicles

3-10 February 1984

Department of the Army	Appropriation	FY 1985	
Annual Budget Estimate	PROCUREMENT OF WEAPONS & TRACKED COMBAT		
JUSTIFICATION	VEHICLES, ARMY	Budget	
Program or Budget Project Account	(Thousands of Dollars)		
Activity 1 - Tracked Combat Vehicles	Actual Estimate Estimate Estimate		
	FY 1983 FY 1984 FY 1985 FY 1986		
Direct Obligation or Direct Budget Plan	\$3,800,956 \$3,797,400 \$4,156,600 \$4,948,700		

Section 1 - PURPOSE AND SCOPE

Provide for procurement of tracked combat vehicles including M1 tanks; Bradley Fighting Vehicle System; training equipment; and associated equipment. The request also provides for modification kits, major assembly repair parts (including initial provisioning), related production base support and depot maintenance plant equipment.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Tracked Combat Vehicles - The requested funding level provides for the procurement of the following tracked combat vehicles to improve near term readiness and to meet modernization goals: M1 Abrams Tank, Bradley Fighting Vehicle System, Field Artillery Ammunition Support Vehicle (FAASV), M88A1 Recovery Vehicle, M577A2 Command Post Vehicle and M113 Armored Personnel Carrier. To further improve and enhance Army material readiness of high priority combat vehicles, funds are requested for the following modification programs: Upgrade of the current fleet of M113 family of carriers, enhancement of the M109 Self-Propelled Howitzers; Fire Support Team Vehicle (FISTV) and upgrade of all M60A1 Tanks to M60A3 (TTS) configuration. Each of the major items included in this request is discussed below:

Carrier, Command Post, Light, FT, M577A2 (P-1 Line Item No. 1):

(\$ In Thousands)

FY 1985	FY 1986
\$33,400	-0-

These funds are requested for procurement of 167 M577A2 Command Post Carriers. The M577A2 provides mobility and light armor protection for field commanders. It functions as transporter and working shelter for command posts, field operation centers, and fire direction centers. Carriers are needed to fill significant shortages in the Army fleet and for reorganization of the field artillery into 3 x 8 battalions. (3 batteries with 8 guns each as compared to 3 batteries with 6 guns each).

3-11 February 1984

Carrier, Personnel, FY, Armored M113 (P-1 Line Item No. 2):

(\$ In Thousands)

FY 1985	FY 1986
\$8,900	-0-

These funds are requested to purchase 50 M113 Armored Personnel Carriers. The M113 Personnel Carrier is a versatile, light armored, full-tracked, amphibious chassis that can be configured in a variety of ways to serve as a troop carrier, maintenance vehicle, medical evacuation vehicle and as a carrier/transporter for other purposes.

Bradley Fighting Vehicles (MYP) (P-1 Line Item No. 3):

(\$ In Thousands)

FY 1985	FY 1986
\$997,400	\$1,200,900

These funds are requested for procurement of 710 Infantry and Cavalry Fighting Vehicles (IFV/CFV) in FY85 and 900 IFV/CFV's in FY86. The IFV/CFV is designed to be compatible with the new M1 Main Battle tank and provide improved firepower, cross-country mobility, and ballistic protection to infantry squads and cavalry sections. The armament is designed to engage an array of enemy targets and will include a two-man turret employing a 25mm automatic cannon, the introduction of TOW 2 antitank guided missile system, and a 7.62mm coaxial machine gun, all utilizing an integrated day/night thermal sight. Using the organic 5.56mm firing port weapon, the mounted infantry in the IFV will be able to deliver suppressive fires around the vehicle. Interior configuration varies in the CFV to allow for differences in crew size and stowage requirements and will be improved for better visibility. The multiyear contract reflects savings of \$24.7 million for components and savings of \$2.4 for the Turret Drive in FY85 over the use of single year contracts.

Advance Procurement-Bradley Fighting Vehicles (MYP) (P-1 Line Item No. 4):

(\$ in Thousands)

FY 1985	FY 1986
\$59,000	\$56,000

These funds are requested for procurement of long-lead manufacturing items and components to support the FY86 production of 900 Infantry and Cavalry Fighting Vehicles and 900 vehicles in FY87.

Bradley Fighting Vehicle Training Devices (P-1 Line Item No. 5):

(\$ in Thousands)	
FY 1985	FY 1986
\$56,500	\$84,100

These funds are requested for procurement of Unit and Institutional Conduct of Fire Trainers for gunner sustainment training at unit level (U-COFT) and initial skill training at the training centers (I-COFT). These devices employ a Bradley gunner station mock-up and computer simulations to produce a wide variety of highly realistic battle scenarios. Although not a total substitute for actual firing, the Conduct of Fire Trainers will assist in acquiring and sustaining basic gunnery skills with substantial reductions in time, range usage, ammunition, and attendant costs. Funds requested will also provide the Army's total requirement for the Turret Maintenance Trainer to provide initial fault isolation and repair procedures training for Bradley automotive and turret mechanics.

Field Artillery Ammunition Support Vehicle (FAASV) (P-1 Line Item No. 6):

(\$ in Thousands)	
FY 1985	FY 1986
\$84,200	\$122,100

These funds are requested to continue procurement of the Field Artillery Ammunition Support Vehicle (FAASV) for deployment in M109 155mm and M110 8" Self-Propelled Howitzer Battalions in Europe. The FY85 funds will procure 170 FAASV's and the FY86 funds will procure 230 FAASV's. With the 54 FAASV's procured in FY83 and the 120 procured in FY84, this will provide 57% of the total planned procurement of 1142.

Howitzer, Med, SP, FI, 155mm, M109A2 (P-1 Line Item No. 7):

(\$ In Thousands)	
FY 1985	FY 1986
\$52,400	\$123,100

These funds are requested to procure 70 M109A2's in FY85 and 152 M109A2's in FY86. This is a continued procurement of the M109A2 Howitzer which is a product-improved version of the basic M109 self-propelled 155mm Howitzer that was fielded in 1963. The gun howitzer assembly is mounted on a fully-tracked chassis which is propelled by a 405-hp diesel engine. The howitzer can fire to a range of 24-km with rocket-assisted projectiles and is capable of delivering a nuclear round. The M109A2 provides close indirect fire support for maneuver elements of heavy brigades/divisions.

Recovery Vehicle, Medium, FT, M88A1 (P-1 Line Item No. 8):

(\$ In Thousands)	
FY 1985	FY 1986
\$159,400	\$168,700

These funds are requested for procurement of 180 M88A1's in FY85 and 180 in FY86 to meet the needs of armor, mechanized infantry, DIVAD, and heavy self-propelled artillery units for battlefield recovery and evacuation.

Tank, Combat, FT, 105mm Gun, M1 Abrams (MYP) (P-1 Line Item No. 9):

(\$ In Thousands)	
FY 1985	FY 1986
\$1,469,400	\$1,624,800

These funds are requested to procure 720 M1 tanks in FY85 and 720 M1 tanks in FY86. The M1 Tank will replace the M60 series tank in selected units. It has significantly improved survivability over current tanks providing better armor protection and compartmentalization of ammunition and fuel. Its 1500-hp turbine engine and improved suspension system provide unprecedented mobility and stability as a weapons platform. The M1 counters the enemy threat now and has growth potential to be effective well into the 1990's. All M1s from FY85 to end of the program in FY90 will be M1E1s with the 120mm main gun. The multiyear contracts for the M1 Fire Control System reflects a savings of \$33.1 million in FY85 over the use of a single year contract.

Advance Procurement, Tank, Combat, M1 Abrams (MYP) (P-1 Line Item No. 10):

(\$ In Thousands)	
FY 1985	FY 1986
\$289,400	\$380,200

These funds are requested for procurement of long-lead manufacturing items, components, and government-furnished equipment to support the production of 720 M1 tanks in FY86 and FY87.

Training Equipment for M60A3 Tank (P-1 Line Item No. 11):

(\$ In Thousands)	
FY 1985	FY 1986
\$25,700	-0-

These funds are requested for procurement of Unit Conduct of Fire Trainers for gunner sustainment training at unit level (U-COFT). These devices employ an M60A3 gunner and commander station mock-up and computer simulations to produce a wide variety of highly realistic battle scenarios. Although not a total substitute for actual firing, the Conduct of Fire Trainers will significantly assist in acquiring and sustaining gunner and commander basic gunnery skills with reductions in time, range usage, ammunition, and attendant cost.

M1 Series Tank Training Devices (P-1 Line Item No. 12):

(\$ In Thousands)	
FY 1985	FY 1986
\$37,100	\$55,200

These funds are requested for procurement of Unit and Institutional Conduct of Fire Trainers for maintaining gunner and commander gunnery proficiency at unit level (U-COFT) and initial skill training at the training centers (I-COFT). These devices employ an M1 gunner and commander station mock-up and computer simulations to produce a wide variety of highly realistic battle scenarios. Although not a total substitute for actual firing, the conduct of fire trainers will assist in acquiring and sustaining gunnery skills with substantial reductions in time, range usage, ammunition, and cost. Funds requested will also provide the Army's total requirement for the Turret Maintenance Trainer to provide initial fault isolation and repair procedures training for M1 turret mechanics.

Carrier, Modification (MOD): (P-1 Line Item No. 14):

(\$ In Thousands)	
FY 1985	FY 1986
\$34,800	\$37,300

These funds are requested for design engineering, testing, and procurement of kit hardware necessary to upgrade the M113A1/A2 carrier fleet. Funds requested in FY85 and FY86 will buy kits to continue conversion of M113A1's to A2's, cargo body upgrade kits for the M548 Cargo Carrier, Simplified Test Equipment-Internal Combustion Engine (STE-ICE) adaption kits, and smoke grenade launcher adaption kits. Funds will also be needed to begin initiation of Block 1 survivability enhancement modifications in the depot overhaul/modernization program. Block 1 mods will add armored external fuel tanks, an improved powertrain, and a spall suppression liner.

Improved TOW Veh Mod (ITV) (P-1 Line Item No. 15):

(\$ In Thousands)	
FY 1985	FY 1986
-0-	\$58,800

Funds are required in FY86 to procure additional ITV weapon station kits for the light division and to begin work on enhancement of ITV survivability under a Block 1 modification program that will include armored external fuel tanks, an improved powertrain, and a spall suppression liner.

Fire Support Team Vehicle (FIST-V) (MOD): (P-1 Line Item No. 16):

(\$ In Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
\$79,500	\$85,800

The funds are requested to procure modification kits in FY85 and FY86. These kits will be used to convert M113 carriers to FIST-V. The FIST-V will provide increased capability to the Fire Support Team in target location, accuracy, survivability, mobility, integration of fires and responsiveness. The FIST-V will be a totally integrated system platform which will provide under-armor protection for the Ground Laser Locator Designator (GLLD) and will provide the fire support team with the capability of successfully coordinating all indirect fires to include laser guided munitions in support of the maneuver forces.

Bradley Fighting Vehicle System (MOD) Retrofit (P-1 Line Item No. 17):

(\$ In Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
\$3,900	\$29,400

These funds are requested to initiate retrofit of BFVS Preplanned Product Improvements (P³I) which will be introduced in FY85. Initial funding will apply the IFV tenth seat, the ventilated face piece, and an improved visibility hatch for the CFV.

Howitzer, Medium, SP, 155mm, M109 Series (MOD) (P-1 Line Item No. 18):

(\$ In Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
\$33,800	45,500

FY85 and FY86 funds are requested for procurement of Howitzer Extended Life Program (HELP) modification kits. This modification is designed to improve the readiness and survivability of M109 series howitzers.

Armored Vehicle Launched Bridge (AVLB) (MOD) (P-1 Line Item No. 20):

(\$ In Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
\$15,400	\$57,800

These funds are requested for procurement of modification kits to convert M60A2 tank chassis to M60A1 AVLB chassis and to procure Class 60 Armored Vehicle Launched Bridges for armored, mechanized infantry and other combat and combat support units. The AVLB provides a battlefield bridging capability.

Tank, Combat, FT, 105mm Gun, M60 Series (MOD) (MYP) (P-1 Line Item No. 21):

(\$ In Thousands)	
FY 1985	FY 1986
\$215,100	\$215,700

These funds are requested to procure 460 modification kits in FY85 and FY86 to convert M60A1 tanks to M60A3's which utilize a solid state ballistic computer, laser range finder and Tank Thermal Sight to maximize effectiveness of the system for both day and night operations. This includes a planned procurement of 960 Tank Thermal Sights in FY85 and 960 in FY86 to execute the third and fourth year program buys of a multiyear procurement. The multiyear contract reflects a savings of \$20.3 million for the Tank Thermal Sight buy in FY85 over the use of a single year contract.

105mm Tank Gun Enhancement (MOD) (P-1 Line Item No. 23):

(\$ In Thousands)	
FY 1985	FY 1986
\$3,000	\$8,000

These funds are requested for the new 105mm gun tube assemblies for the M60A3 and M1 Abrams Tanks.

Tank, M1 Series (MOD) (P-1 Line Item No. 24)

(\$ In Thousands)	
FY 1985	FY 1986
\$8,000	\$10,900

These funds are requested for a new and improved 120mm main gun tube and assemblies.

Robotic Obstacle Breaching Assault Tank (ROBAT) (Mod) (P-1 Line Item No. 25):

(\$ In Thousands)	
FY 1985	FY 1986
-0-	\$31,600

These funds are requested to procure vehicle armor, material required for test firing during the Initial Production Test, and 142 M60A3 Tank chassis conversion kits required for production of the ROBAT. The Robat will utilize a mine roller or plow mounted on a tank chassis, line markers, and a line charge launcher mechanism to assist mechanized forces to move through mined areas.

Initial Spares and Repair Parts (TCV) (P-1 Line Item No. 26):

(\$ In Thousands)	
FY 1985	FY 1986
\$430,100	\$494,800

These funds are requested for procurement of initial and replenishment spares and repair parts related to tracked combat vehicles.

Value Engineering (P-1 Line Item No. 27):

(\$ In Thousands)	
FY 1985	FY 1986
\$1,000	\$1,000

These funds are requested for implementing a Value Engineering program to promote economies efficiencies and management improvements.

Items Less Than \$900,000 (P-1 Line Item No. 28):

(\$ In Thousands)	
FY 1985	FY 1986
\$900	\$800

These funds are requested for procurement of maintenance and repair equipment for tracked combat vehicles. Equipment to be procured includes shop sets and tool kits.

Production Base Support (P-1 Line Item No. 29):

(\$ In Thousands)	
FY 1985	FY 1986
\$58,300	\$56,200

These funds are requested to rehabilitate and to provide plant equipment for current and mobilization production industrial facilities projects; for layaway of industrial equipment excess to current production requirements; and for depot maintenance plant equipment for repair and overhaul capability.

See attached pages for project listing.

3-18 February 1984

PROVISION OF INDUSTRIAL FACILITIES (PIF)

<u>PROJECT #</u>	<u>TITLE</u>	<u>(\$ In Thousands)</u>	
		<u>FY 85</u>	<u>FY 86</u>
48X2006	Expansion of Mainz Army Depot	16,300	14,600
48X3002	Omnibus Design of Construction Projects at the Detroit and Lima Tank Plants	1,400	1,500
48X5026	Expansion of M1E1 Production Equipment Capacity	--	3,700
48X5027	Initial Production Facilities for Producing Block Improvements to the M1 Tank	6,313	5,200
48X5030	Expansion of Lima Army Tank Plant	13,541	4,700
48X6036	Production Support at the Detroit Arsenal Tank Plant	2,403	4,300
48X6037	Production Support at the Lima Army Tank Plant	--	4,000
48X6040	Omnibus Support of Production Equipment at M1 Production Facilities including Detroit and Lima Tank Plants and contractor facilities.	2,003	1,000
78X8174	Production Support and Equipment Replacement at the Stratford Army Engine Plant	1,140	3,400
78X8175	Design of Construction Projects at the Stratford Army Engine Plant	400	400
TOTAL PROVISION OF INDUSTRIAL FACILITIES (TCV)		43,500	42,800

3-19 February 1984

LAYAWAY OF INDUSTRIAL FACILITIES (LIF)

<u>PROJECT #</u>	<u>TITLE</u>	<u>(\$ In Thousands)</u>	
		<u>FY 85</u>	<u>FY 86</u>
48X5103	Plant Clearance of M60 Production Facilities to include contractor owned facilities	8,600	3,100
48X4281	Omnibus Packaging, Crating, Handling, and Transportation	200	200
	TOTAL LAYAWAY OF INDUSTRIAL FACILITIES (TCV)	8,800	3,300

DEPOT MAINTENANCE PLANT EQUIPMENT

<u>PROJECT #</u>	<u>TITLE</u>	<u>(\$ In Thousands)</u>	
		<u>FY 85</u>	<u>FY 86</u>
48X0020	DMPE: Equipment Replacement at Mainz Army Depot	700	700
48X0037	DMPE: Support of the Bradley Fighting Vehicle at Red River Army Depot	599	100
48X0039	DMPE: Support of the M1 Tank at Mainz Army Depot	271	2,100
48X0040	DMPE: Support of the Bradley Fighting Vehicle at Mainz Army Depot	337	400
48X2008	DMPE: Support of the M1E1 Tank at Anniston, Mainz, and Sacramento Army Depots	1,374	2,900
48X5120	DMPE: Support of the M1 Tank at Anniston Army Depot	084	800
68X8171	DMPE: Support of Fire control of the Bradley Fighting Vehicle at Red River Army Depot	1,000	800
68X8296	DMPE: Additional support of the M60A3 Tank at Mainz Army Depot	1,635	--
68X8494	DMPE: Support of the FIST-V Fire Control at Mainz and Red River Army Depots	--	700
	TOTAL DEPOT MAINTENANCE PLANT EQUIPMENT (TCV)	6,000	10,100
	TOTAL PRODUCTION BASE SUPPORT (TCV)	58,300	56,200

3-20 February 1984

Department of the Army	Appropriation		FY 1985	
Annual Budget Estimate	PROCUREMENT OF WEAPONS & TRACKED		Budget	
JUSTIFICATION	COMBAT VEHICLES, ARMY			
Program or Budget Project Account	(Thousands of Dollars)			
Activity 2 - Weapons and Other Combat Vehicles	Actual	Estimate	Estimate	Estimate
	FY 1983	FY 1984	FY 1985	FY 1986
Direct Obligation or Direct Budget Plan	\$795,790	\$865,633	\$936,100	\$845,800

Section 1 - PURPOSE AND SCOPE

Provides for procurement of weapons and other combat vehicles including air defense weapons, mortars, machine guns, and associated equipment. The request also provides for modification kits, procurement of depot repairable major assembly repair parts (including initial provisioning), related production base support, and depot maintenance plant equipment.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Weapons and Other Combat Vehicles - The requested funding level provides for continued procurement of the Vehicle Rapid Fire Weapon System (VRFWS) weapons, VRFWS Advance procurement, M240 Machine Gun and Smoke Grenade Launcher. Funding is also requested for the procurement of the Sgt York Division Air Defense (DIVAD) Gun System, Sgt York DIVAD advance procurement, 9mm Personal Defense Weapon, XM252 81mm Mortar, Squad Automatic Weapon (SAW) and the Product Improved VULCAN Air Defense Systems (PIVADS). Each of the items included in this request is discussed below:

Sgt York (DIVAD) Gun (P-1 Line Item No. 31):

(\$ In Thousands)	
FY 1985	FY 1986
\$515,800	\$419,200

These funds are requested for procurement of 132 DIVAD guns in FY85 and 144 guns in FY86. This system will provide air defense for heavy maneuver elements against attack by armed helicopters and high performance fixed-wing aircraft. Procurement at the Economic Production rate reflects a savings of \$80.3 million in FY85.

3-21 February 1984

Advance Procurement, Sgt York (DIVAD) Gun (P-1 Line Item No. 32):

(\$ In Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
\$12,900	\$6,600

These funds are requested for the procurement of long lead items and components to support the FY86 production of 144 DIVAD guns and 66 DIVAD Guns in FY87.

Armor Machine Gun, 7.62mm, M240 (P-1 Line Item No. 34):

(\$ In Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
\$25,400	\$27,100

These funds are requested for procurement of 4766 machine guns in FY85 and 4786 machine guns in FY86. The M240 replaces the M219 armor machine gun and provides significantly improved reliability.

Squad Automatic Weapon (SAW) 5.56mm (P-1 Line Item No. 35):

(\$ In Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
\$12,900	\$14,500

These funds are requested for the procurement of 3800 Squad Automatic Weapons in FY85 and 6000 in FY86. This lightweight highly mobile machine gun delivers a high rate of sustained fire and has increased range which will greatly enhance the effectiveness of the infantry rifle squad.

MK19-3 40mm Automatic Grenade Launcher (P-1 Line Item No. 36):

(\$ In Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
\$4,500	\$14,100

These funds are requested for procurement of 340 launchers in FY85 and 1005 launchers in FY86. The MK19-3 will deliver accurate, intense, decisive firepower against enemy personnel and light armored vehicles to a maximum effective range of 1600 meters.

Launcher, Smoke Grenade (P-1 Line Item No. 37):

(\$ In Thousands)	
FY 1985	FY 1986
\$4,800	\$4,300

These funds are requested to continue procurement of protective smoke systems for combat vehicles. The launcher provides near instantaneous smoke protection and is a defensive aid against antitank missiles. The budget procures 5526 in FY85 and 5752 in FY86.

Mortar, I-81mm, XM252 (P-1 Line Item No. 38):

(\$ In Thousands)	
FY 1985	FY 1986
\$11,300	\$9,900

These funds are requested to procure 441 XM252 81mm mortars in FY85 and 371 in FY86. The XM252 will provide an improved 81mm mortar for organic indirect fire support within airborne and airmobile battalions. The system is composed of both United Kingdom and U.S. produced components.

Rifle, 5.56mm, M16A2 (P-1 Line Item No. 39):

(\$ In Thousands)	
FY 1985	FY 1986
\$39,600	\$25,600

These funds are requested for procurement of 75,000 rifles in FY85 and 50,000 rifles in FY86. The M16A2, an improved version will be placed in the hands of the front line combat soldiers. The M16A2 incorporates improvements in sights, pistol grip, stock and overall combat effectiveness. The US Marine Corps is also procuring the M16A2 rifle.

9mm Personal Defense Weapon (PDW) (P-1 Line Item No. 40):

(\$ In Thousands)	
FY 1985	FY 1986
\$5,000	\$8,600

These funds are requested for procurement of 14,650 9mm handguns in FY85 and 25,400 9mm handguns in FY86. FY85 is the first year of a ten year Army procurement of new 9mm handguns to standardize the inventory and replace the M1911A caliber .45 handguns and caliber .38 revolvers. Adoption of the 9mm handgun will also enhance NATO Rationalization Standardization Interoperability (RSI) efforts to standardize all of NATO.

Vehicle Rapid Fire Weapons System (VRFWS) (MYP (P-1 Line Item No. 41):

(\$ In Thousands)	
FY 1985	FY 1986
\$48,000	\$49,900

These funds are requested for the procurement of 755 25mm VRFWS weapons in FY85 and 945 weapons in FY86. This weapon system is the primary armament for the Bradley Fighting Vehicle.

Advance Procurement, Vehicle Rapid Fire Weapons System (VRFWS) (MYP) :
(P-1 Line Item No. 42)

(\$ In Thousands)	
FY 1985	FY 1986
\$8,100	\$16,000

These funds are requested for an Economic Order Quantity (EQO) buy of materials to support a proposed 5-year MYP of the VRFWS.

M26 Tank Muzzle Boresight Device (P-1 Line Item No. 43):

(\$ In Thousands)	
FY 1985	FY 1986
\$3,800	\$4,600

These funds are requested for procurement of 2360 M26's in FY85 and 2327 M26's in FY86. The M26 is an optical device and a non-development item which fits into the main gun tube of all Army tanks (M48A5, M60 Series and M1) and allows an accurate boresight to be obtained without firing rounds. The use of this device will improve tank unit readiness and will reduce requirements for calibration ammunition. An adaption will allow it to be used also in the 120mm main guns on the M1E1 tank..

Product Improved Vulcan Air Defense System (PIVADS) (P-1 Line Item No. 44):

(\$ In Thousands)	
FY 1985	FY 1986
\$33,200	\$27,700

These funds are requested for product improvements to the Vulcan Air Defense Gun. These improvements are designed to upgrade reliability, operability and maintainability. The towed version of the Vulcan will be upgraded for active component light forces, while the self-propelled configuration will be upgraded for National Guard units as it is displaced in the active heavy divisions by the Sergeant York DIVAD Gun.

Modification under \$900,000 (P-1 Line Item No. 45):

(\$ Thousands)	
FY 1985	FY 1986
\$1,000	\$800

These funds are requested for minor modification of weapons and other combat vehicles.

Spares and Repair Parts (P-1 Line Item No. 46):

(\$ In Thousands)	
FY 1985	FY 1986
\$119,300	\$151,000

These funds are requested for initial and replenishment spares and repair parts related to weapons and other combat vehicles.

Item Less Than \$900,000 (P-1 Line Item No. 47):

(\$ In Thousands)	
FY 1985	FY 1986
\$2,700	\$2,900

These funds are requested for procurement of shop sets and tool sets for maintenance and repair of weapons and other combat vehicles.

Production Base Support (P-1 Line Item No. 48):

(\$ In Thousands)	
FY 1985	FY 1986
\$87,800	\$63,000

These funds are requested to rehabilitate and to provide plant equipment for current and mobilization production industrial facilities projects; for layaway of industrial equipment excess to production requirements, for depot maintenance plant equipment for repair and overhaul capability .

See attached pages for project listing.

3-25 February 1984

PROVISION OF INDUSTRIAL FACILITIES (PIF)

<u>PROJECT #</u>	<u>TITLE</u>	<u>(\$ In Thousands)</u>	
		<u>FY 85</u>	<u>FY 86</u>
68X5263	Modernization of Weapons Production Test Equipment at Aberdeen Proving Ground	389	500
68X6986	Support of Production Test Facilities at the Ethan Allen Firing Range	065	300
68X80151	Modernization (Project REARM) at Watervliet Arsenal	23,496	0
68X8129	Modernization (Project REARM) at Rock Island Arsenal	25,450	45,200
68X7986	Modernization of Small Arms Manufacturing Facilities; Maremont Corp	--	4,000
68X8150	Modernization of Plant Equipment Packages for the Cannon Production Base	--	1,800
TOTAL PROVISION OF INDUSTRIAL FACILITIES (TCV)		49,400	51,800

LAYAWAY OF INDUSTRIAL FACILITIES (LIF)

<u>PROJECT</u>	<u>TITLE</u>	<u>(\$ In Thousands)</u>	
		<u>FY 85</u>	<u>FY 86</u>
68X7667	Layaway of Industrial Facilities including Watervliet and Rock Island Arsenals and contractor facilities	1,600	1,700
TOTAL LAYAWAY OF INDUSTRIAL FACILITIES (WOCV)		1,600	1,700

DEPOT MAINTENANCE PLANT EQUIPMENT (DMPE)

<u>PROJECT #</u>	<u>TITLE</u>	<u>(\$ IN Thousands)</u>	
		<u>FY 85</u>	<u>FY 86</u>
68X8270	DMPE: Support of the Sgt York	36,094	9,100
68X8287	DMPE: Support of the PIVADS program at Red River Army Depot	456	-
68X8474	DMPE: Support of the Squad Automatic Weapon at Anniston Army Depot	250	400
	TOTAL DEPOT MAINTENANCE PLANT EQUIPMENT (WOCV)	36,800	9,500
	TOTAL PRODUCTION BASE SUPPORT (WOCV)	87,800	63,000

3-27 February 1984

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Section 3

Comparison of Program Requirements and Financing

Comparison of FY 1984 program requirements as reflected in FY 1984 budget with FY 1984 program requirements as shown in the FY 1985 budget.

Comparison of FY 1984 financing as reflected in FY 1984 budget with FY 1984 financing as shown in FY 1985 budget.

Comparison of FY 1983 program requirements as reflected in FY 1984 budget with FY 1983 program requirements as shown in FY 1985 budget.

Comparison of FY 1983 financing as reflected in FY 1984 budget with FY 1983 financing as shown in FY 1985 budget.

3-28 February 1984

COMPARISON OF FY 1984 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1984 BUDGET WITH
FY 1984 PROGRAM REQUIREMENTS AS SHOWN IN FY 1985 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)			
Appropriation:	Total Program Requirements	Program Requirements	Increase (+)
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES	Per FY 84 Budget	Per FY 1985 Budget	or Decrease (-)
Activity 1 - Tracked Combat Vehicles.....	3,998,416	3,797,400	-201,016
Activity 2 - Weapons and Tracked Combat Vehicles..	892,000	865,633	- 26,367
	4,890,416	4,663,033	-227,383

Explanation By Activity

Activity 1 - Tracked Combat Vehicles A net reduction of \$201.0 million resulted from Congressional adjustments of \$144.0 million to include an increase of \$149.0 million from prior year transfers and a \$17.0 million general spares reduction. In addition, \$65.3 million is being reprogrammed from the M1 Abrams Tank to a higher priority Army program; \$8.3 million was transferred from Activity 2 to Activity 1 to properly realign a PBS project.

<u>Item</u>	<u>Net Change (in thousands)</u>
Congressional reductions	-144,000
M1 Abrams Tank	- 65,300
Production Base Support (TCV)	+ 8,284
TOTAL NET CHANGE	-201,016

3-29 February 1984

**COMPARISON OF FY 1984 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1984 BUDGET WITH
FY 1983 PROGRAM REQUIREMENTS AS SHOWN IN FY 1985 BUDGET**

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation:	Total Program	Program Requirements	Increase (+)
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES	Requirements	Per FY 1985 Budget	or
	Per FY 84 Budget		Decrease (-)

Activity 2 - Weapons and Other Combat Vehicles: A net reduction of \$26.4 million resulted from a \$3.3 million Congressional adjustment; a \$8.3 million transfer to Activity 1 to properly realign a PBS project; a \$1.9 million transfer from the MK19-3 Grenade Launcher and a \$12.9 million transfer from PBS to a higher priority Army program.

<u>Item</u>	<u>Net Change (In thousands)</u>
Congressional Reduction	- 3,297
Production Base Support	- 12,870
MK19-3 Grenade Launcher.....	- 1,900
Transfer to Activity 1 PBS	- 8,300
TOTAL NET CHANGE	- 26,367

3-30 February 1984

**COMPARISON OF FY 1984 FINANCING AS REFLECTED
IN THE FY 1984 BUDGET WITH FY 1984 FINANCING
AS SHOWN IN FY 1985 BUDGET**

(In Thousands of Dollars)			
Appropriation:	Financing	Financing	Increase (+)
PROCUREMENT OF WEAPONS & TRACKED COMBAT VEHICLES	Per FY 1984	Per FY 1985	or
	Budget	Budget	Decrease (-)
Program Requirements, (Total).....	\$5,712,716	\$4,935,933	\$-776,783
Program Requirements (Service Account).....	(4,890,416)	(4,663,033)	(-227,383)
Program Requirements (Reimbursable).....	(822,300)	(272,900)	(-549,400)
Less:			
Anticipated reimbursements.....	-822,300	-272,900	-549,400
Reprogramming from prior year budget plans.....	0	0	0
Unobligated balance available from prior year to finance new budget plans.....	0	0	0
Unobligated balance transferred from other accounts.....	0	-149,000	-149,000
Add:			
Unobligated balance transferred to other accounts.....	0	0	0
Unobligated balance lapsing.....	0	+149,000	+149,000
Unobligated balance available to finance subsequent year budget plans.....			
BUDGET AUTHORITY	\$4,890,416	\$4,663,033	\$-227,383
Budget Authority			
Appropriation.....	4,890,416	4,594,103	-296,313
Transferred from other accounts.....	0	0	0
Reduction pursuant to P.L. 97-377.....	0	0	0
Transferred to other accounts.....	0	-80,070	-80,070
Appropriation (adjusted).....	4,890,416	4,514,033	-376,383
Reappropriation.....		149,000	+149,000

3-31 February 1983

COMPARISON OF FY 1983 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1984 BUDGET WITH
FY 1983 PROGRAM REQUIREMENTS AS SHOWN IN FY 1985 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)			
Appropriation:	Total Program		Increase (+)
PROCUREMENT OF WEAPONS & TRACKED COMBAT VEHICLES	Requirements	Program Requirements	or
	Per FY 84 Budget	Per FY 1985 Budget	Decrease (-)
Activity 1 - Tracked Combat Vehicles.....	3,907,546	3,800,956	-106,544
Activity 2 - Weapons and Other Combat Vehicles.....	791,000	795,790	+ 4,790
	<u>4,698,546</u>	<u>4,596,746</u>	<u>-101,754</u>

EXPLANATION BY ACTIVITY

Activity 1 - Tracked Combat Vehicles: A net decrease of \$106.5 million resulted from a Congressionally directed transfer of \$83.8 million from FY83 to FY84 in the M1 Abrams Tank and reprogramings in the amount of \$22.7 million to higher priority Army programs.

<u>Item</u>	<u>Net Change (in Thousands)</u>
M1 Abrams Tank transfer to FY84	-83,800
Reprogramings	<u>-22,744</u>
TOTAL NET CHANGE	-106,544

**COMPARISON OF FY 1983 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1984 BUDGET WITH
FY 1983 PROGRAM REQUIREMENTS AS SHOWN IN FY 1985 BUDGET**

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)			
Appropriation:	Total Program		Increase (+)
PROCUREMENT OF WEAPONS & TRACKED COMBAT VEHICLES	Requirements	Program Requirements	or
	Per FY 84 Budget	Per FY 1985 Budget	Decrease (-)

Activity 2 - Weapons and Other Combat Vehicles: A net increase of \$4.8 million resulted from a Congressionally approved reprogramming of \$22.9 million for the MK 19-3 Automatic 40mm Grenade Launcher, from the Activity in the amount of \$18.1 million to higher priority Army programs.

<u>Item</u>	<u>Net Change (in thousands)</u>
MK-19-3 Automatic 40mm Grenade Launcher	+22,900
Reprogramming	-18,110
TOTAL NET CHANGE	+ 4,790

**COMPARISON OF FY 1983 FINANCING AS REFLECTED
IN THE FY 1984 BUDGET WITH FY 1983 FINANCING
AS SHOWN IN FY 1985 BUDGET**

(In Thousands of Dollars)

Appropriation:	Financing Per FY 1984 Budget	Financing Per FY 1985 Budget	Increase (+) or Decrease (-)
PROCUREMENT OF WEAPONS & TRACKED VEHICLES			
Program Requirements, (Total).....	\$5,126,746	\$5,017,826	\$-108,920
Program Requirements (Service Account).....	(4,698,546)	(4,596,746)	(-101,800)
Program Requirements (Reimbursable).....	(428,200)	(421,080)	(- 7,120)
Less:			
Anticipated reimbursements.....	-428,200	- 421,080	+ 7,120
Reprogramming from prior year budget plans.....	0	0	0
Unobligated balance available from prior year to finance new budget plans.....	0	0	0
Unobligated balance transferred from other accounts.....	-198,200	- 198,200	0
Add:			
Unobligated balance lapsing	+198,200	0	+198,200
Reappropriation	0	+ 198,200	-198,800
Unobligated balance available to finance sub- sequent year budget plans.....	0	+ 98,800	+ 98,800
BUDGET AUTHORITY	\$4,698,546	\$4,695,546	\$- 3,000
Budget Authority			
Appropriation.....	4,551,946	4,551,946	0
Reduction pursuant to P.L. 93-377.....	-37,100	- 37,100	0
Transferred to other accounts.....	-14,500	- 17,500	- 3,000
Appropriation (adjusted).....	\$4,500,346	\$4,497,346	\$- 3,000
Reappropriation	198,200	198,200	0

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Appendix

Consultants, Studies and Analyses, and Management Support Contracts

Exhibit PB-21, Special Analysis

Narrative Justification

3-35 February 1984

COMPARISON: DANCOP

FY 1984
PH-21, SPECIAL ANALYSIS
CONSULTANTS, STUDIES AND ANALYSES
AND MANAGEMENT SUPPORT CONTRACTS
(DOLLARS IN THOUSANDS)

APPROPRIATION: WTCV
SUB-ELEMENT:

	FY 1983	FY 1984	FY 1985
A. EXPERTS AND CONSULTANTS	-----	-----	-----
1. PERSONNEL APPOINTMENTS	-	-	-
A. EXPERTS	-	-	-
B. CONSULTANTS	-	-	-
(1) FEDERAL ADVISORY	-	-	-
COMMITTEE MEMBERS	-	-	-
(2) ALL OTHER APPOINTED	-	-	-
CONSULTANTS	-	-	-
2. CONTRACT CONSULTANTS	-	-	-
B. CONTRACT STUDIES & ANALYSES	-----	-----	-----
1. CONSULTING SERVICES	-	-	-
2. OTHER	-	-	-
C. PROFESSIONAL AND MANAGEMENT			
SERVICES BY CONTRACT	-----	-----	-----
1. PROGRAM MANAGEMENT SUPPORT	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-
2. POLICY REVIEW AND	-	-	-
DEVELOPMENT	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-
3. SPECIFICATION DEVELOPMENT	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-
4. SYSTEMS ENGINEERING	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-

3-36 February 1984

COPRAND/AGENCY: DARCOM

APPROPRIATION: LTCV
SUB-ELEMENT:

	FY 1983	FY 1984	FY 1985
5. TECHNOLOGY SHARING/ UTILIZATION	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-
6. LOGISTIC SUPPORT SERVICES	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-
7. TECHNICAL DATA COLLECTION	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-
8. PUBLIC RELATIONS AND ADVERTISING	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-
9. OTHER PROFESSIONAL AND MANAGEMENT SERVICES BY CONTRACT	-	-	-
A. CONSULTING SERVICES	-	-	-
B. OTHER	-	-	-
D. CONTRACT ENGINEERING TECHNICAL SERVICES (CETS)	-----725	-----966	-----400
1. CONTRACT PLANT SERVICES	-	-	-
2. CONTRACT FIELD SERVICES	725	966	400
3. FIELD SERVICE REPRESENTATIVES	-	-	-
TOTAL	725	966	400

3-37 February 1984

COPRAND/AGENCY: DARCOM

COMPANIES: FIVE HANCOX
APPROPRIATIONS: MTCV
SUM-ELEMENT:

	FY 1983	FY 1984	FY 1985
E. SUMMARY			
1. PERSONAL SERVICES CONTRACTS	-	-	-
2. CONTRACT CONSULTING SERVICES	-	-	-
3. OTHER CONTRACT SERVICES	725	966	400
4. PERSONNEL APPOINTMENTS	-	-	-
TOTAL	<u>725</u>	<u>966</u>	<u>400</u>

3-38 February 1984

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY
NARRATIVE JUSTIFICATION
CONSULTANTS, STUDIES AND ANALYSES
AND MANAGEMENT SUPPORT CONTRACTS

(\$ in Thousands)

Contract Engineering Technical Services

- These efforts are required to support contractor requirements in the production and materiel fielding of the M1 Abrams Tank and the BFVS, and as essential to complete the of these vehicles. If this level of effort is not provided, deployment of these vehicles will be delayed, which will deny the Army of the use of these advanced weapon systems.

FY83
\$725

FY84
\$966

FY85
\$400

3-39 February 1984

DATE
FILMED
8